

Shear induced crystallization of star and linear poly(L-lactide)s

J. Bojda*, E. Piorkowska, G. Lapienis, A. Michalski
Centre of Molecular and Macromolecular Studies, Polish Academy of Sciences,
90-363 Lodz, Poland, Sienkiewicza 112

*corresponding author : jbojda@cbmm.lodz.pl

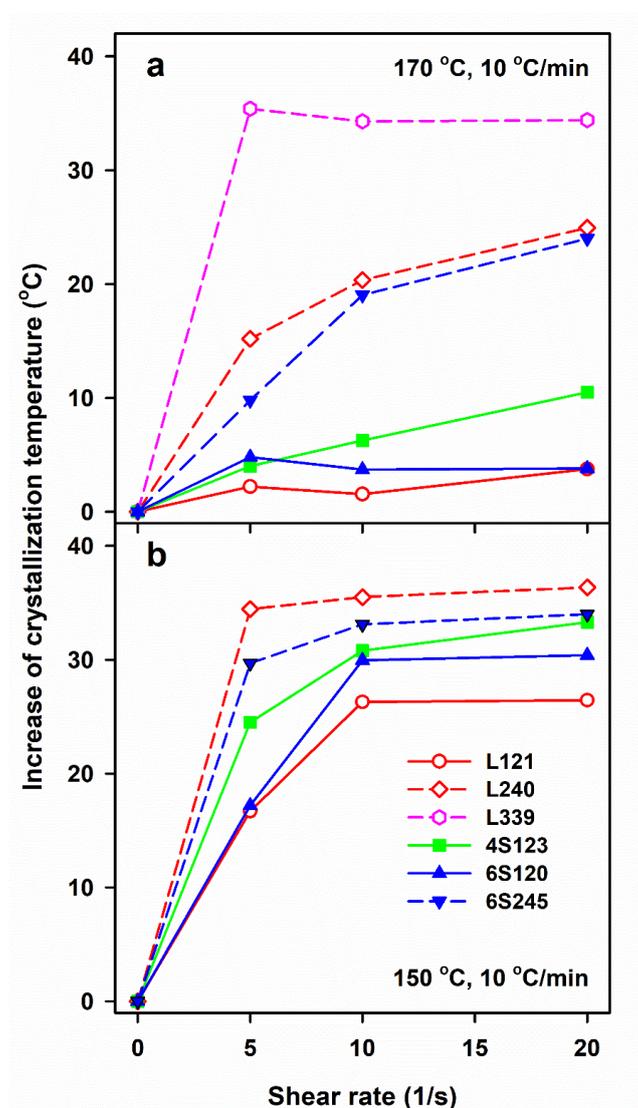


Figure S1. Increase of crystallization peak temperature, $T_c - T_c^0$, of PLLAs during cooling at 10 °C/min caused by shearing at 170 and 150 °C versus shear rate, $\dot{\gamma}$. T_c^0 denotes the crystallization peak temperature of control specimens during cooling at 10 °C/min.

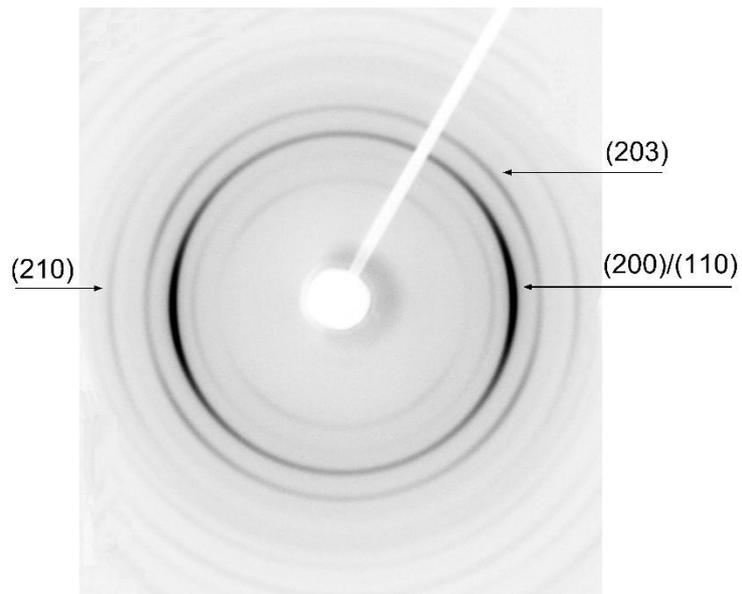


Figure S2. 2D-WAXS pattern of PLLA L339 sheared at 170 °C at 5 /s for 20 s and next cooled at 10 °C/min, with arrows indicating characteristic reflections.